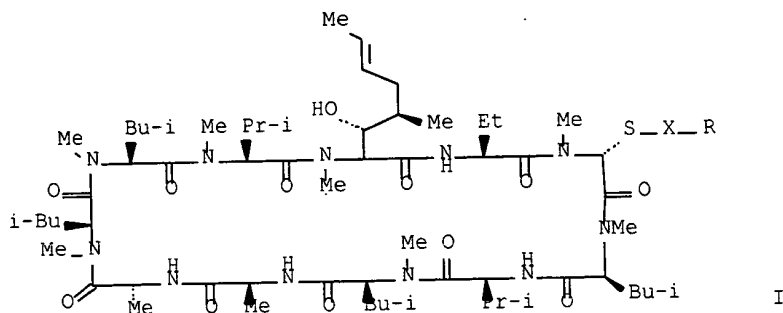


L35 ANSWER 109 OF 272 HCAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 1998:561743 HCAPLUS Full-text
 DOCUMENT NUMBER: 129:149255
 TITLE: Preparation of cyclosporin derivatives and their
 pharmaceutical compositions
 INVENTOR(S): Barriere, Jean Claude; Carry, Jean Christophe;
 Filoche, Bruno; Evers, Michel; Bashiardes, Georges;
 Mignani, Serge; Leconte, Jean Pierre
 PATENT ASSIGNEE(S): Rhone-Poulenc Rorer SA, Fr.
 SOURCE: Fr. Demande, 21 pp.
 CODEN: FRXXBL
 DOCUMENT TYPE: Patent
 LANGUAGE: French
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
FR 2757522	A1	19980626	FR 1996-15956	19961224
FR 2757522	B1	19990129		
ZA 9711606	A	19980625	ZA 1997-11606	19971223
WO 9828329	A1	19980702	WO 1997-FR2405	19971223
W: AL, AU, BA, BB, BG, BR, CA, CN, CU, CZ, EE, GE, GH, GW, HU, ID, IL, IS, JP, KP, KR, LC, LK, LR, LT, LV, MG, MK, MN, MX, NO, NZ, PL, RO, RU, SG, SI, SK, SL, TR, TT, UA, US, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
AU 9856692	A1	19980717	AU 1998-56692	19971223
US 5965527	A	19991012	US 1997-996699	19971223
EP 948527	A1	19991013	EP 1997-952998	19971223
EP 948527	B1	20020605		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, FI				
JP 2001507346	T2	20010605	JP 1998-528489	19971223
AT 218580	E	20020615	AT 1997-952998	19971223
PT 948527	T	20021129	PT 1997-952998	19971223
ES 2178037	T3	20021216	ES 1997-952998	19971223
PRIORITY APPLN. INFO.:			FR 1996-15956	A 19961224
			WO 1997-FR2405	W 19971223
OTHER SOURCE(S):		MARPAT 129:149255		
GI				



AB Cyclosporin derivs. I (X = alkylene or cycloalkylene; R = CO₂H, carbalkoxy, NR₁R₂, where R₁ and R₂ are H, alkyl, cycloalkyl, substituted Ph, benzyl, heterocyclyl or R₁R₂N = heterocyclyl) were prepared for use in pharmaceutical compns. optionally associated with an antiviral, immunomodulator, or antimicrobial agent. Thus, treatment of cyclosporin A with bis[2-(diethylamino)ethyl] disulfide afforded I (X = ethylene, R = Et).

IT 210760-75-1P 210760-76-2P 210760-77-3P
210760-78-4P

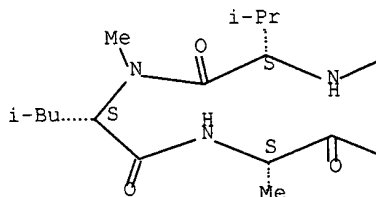
RL: SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); **PREP (Preparation)**; USES (Uses)
 (preparation of cyclosporin derivs. and their pharmaceutical compns.)

RN 210760-75-1 HCAPLUS

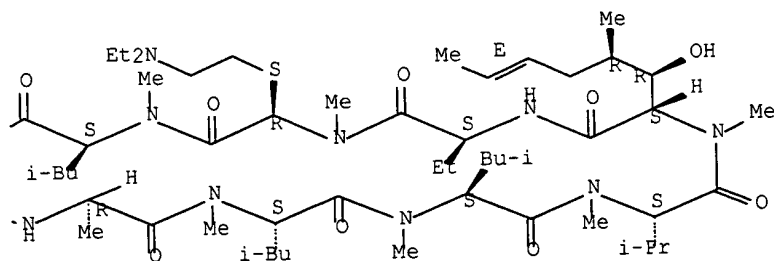
CN Cyclosporin A, 8-[(2R)-2-[[2-(diethylamino)ethyl]thio]-N-methylglycine]-
 (9CI) (CA INDEX NAME)

Absolute stereochemistry.
 Double bond geometry as shown.

PAGE 1-A



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RN 210760-76-2 HCAPLUS

CN Cyclosporin A, 8-[(2R)-2-[[2-(diethylamino)ethyl]thio]-N-methylglycine]-, monomethanesulfonate (salt) (9CI) (CA INDEX NAME)

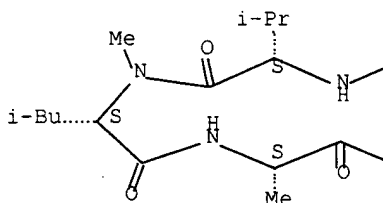
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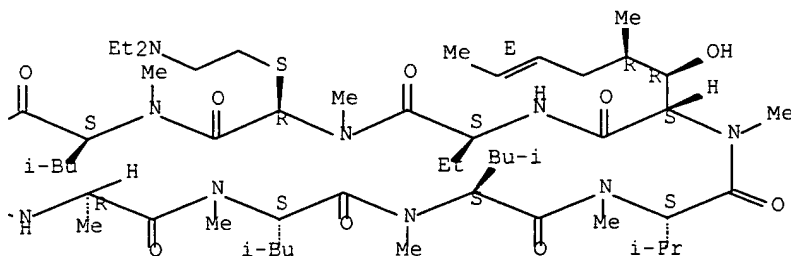
CMF C68 H124 N12 O12 S

Absolute stereochemistry.
Double bond geometry as shown.

PAGE 1-A



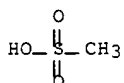
PAGE 1-B



CM 2

CRN 75-75-2

CMF C H4 O3 S

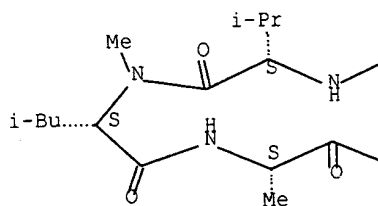


RN 210760-77-3 HCAPLUS

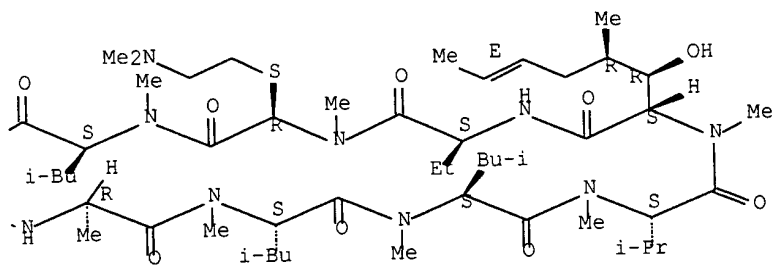
CN Cyclosporin A, 8-[(2R)-2-[[2-(dimethylamino)ethyl]thio]-N-methylglycine]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.

PAGE 1-A



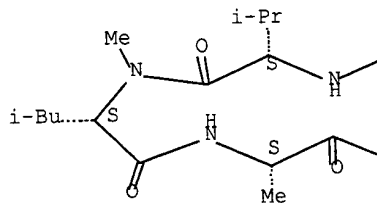
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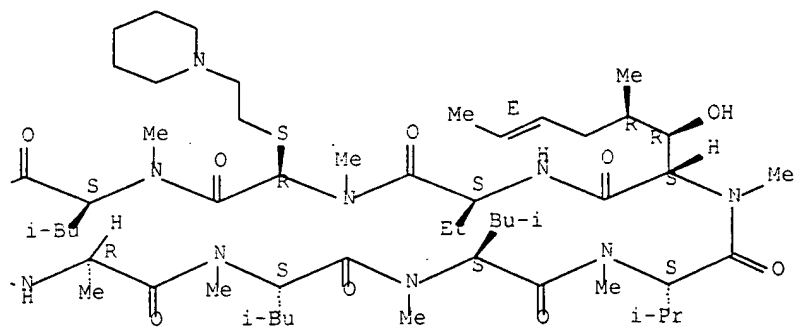


RN 210760-78-4 HCAPLUS
CN Cyclosporin A, 8-[(2R)-N-methyl-2-[[2-(1-piperidinyl)ethyl]thio]glycine]-
(9CI) (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.

PAGE 1-A





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